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T-572 P.14/15 F-570

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Approved for use through 7/31/2006. OMB 0551-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Effective on 12/08/2004 Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4918).		Complete if Known	
<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		Application Number	10/607,565 - Conf. #5160
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	June 27, 2003
<b>TOTAL AMOUNT OF PAYMENT</b> (\$)		First Named Inventor	Steven M. Ruben
1.00		Examiner Name	T. E. Strzelecka
<b>METHOD OF PAYMENT</b> (check all that apply)		Art Unit	1637
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Note <input type="checkbox"/> Other (please identify):		Attorney Docket No.	PZ033P1C2
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 08-25 Deposit Account Name: Human Genome Sciences, Inc.			
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)			
<input checked="" type="checkbox"/> Charge fee(s) indicated below			
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17			
<input checked="" type="checkbox"/> Credit any overpayments			
<b>FEE CALCULATION</b>			
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>			
<b>FILING FEES</b>		<b>SEARCH FEES</b>	
<b>EXAMINATION FEES</b>			
Application Type	Fee (\$)	Small Entity Fee (\$)	Fee (\$)
Utility	300	150	500
Design	200	100	250
Plant	200	100	100
Reissue	300	150	50
Provisional	200	100	300
			150
			500
			250
			600
			300
			0
			0
			0
			0
<b>2. EXCESS CLAIM FEES</b>			
Fee Description		Small Entity Fee (\$)	
Each claim over 20 (including Reissues)		50	
Each independent claim over 3 (including Reissues)		200	
Multiple dependent claims		360	
Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
24	- 24 =	0	
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
2	- 4 =	0	
<b>3. APPLICATION SIZE FEE</b>			
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 411(G) and 37 CFR 1.16(s).			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)
			Fee Paid (\$)
<b>4. OTHER FEE(S)</b>			
Non-English Specification, \$130 fee (no small entity discount)			
Other (e.g., late filing surcharge): Invention or Startup Change Under 37 C.F.R. § 1.48(B)(2)			
		130.00	130.00
<b>SUBMITTED BY</b>			
Signature	Registration No. (Attorney/Agent)	Telephone	
Name (Print/Type)	Doyle A. Siever	47,088	(301) 354-3932
		Date	July 6, 2005

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T-572 P.15/15 F-570

PTO/SB/97 (09-04)

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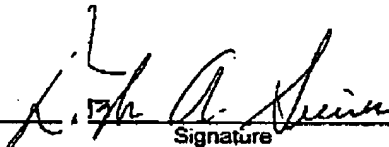
Application No. (if known): 10/607,565

Attorney Docket No.: PZ033P1C2

## Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office.

on July 6, 2005  
Date



Signature

Doyle A. Siever

Typed or printed name of person signing Certificate

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Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Reply and Amendments (6 pages)

Supplemental Application Data Sheet (6 pages)

Fee Transmittal, including charge \$130.00 to deposit account 08-3425 (1 page)

Certificate of Transmission (1 page)

<b>FAX TRANSMISSION</b>		<b>RECEIVED CENTRAL FAX CENTER JUL 06 2005</b>	
DATE: July 6, 2005			
PTO IDENTIFIER: Application Number 10/607,565-Conf. #5160 Patent Number			
Inventor: Ruben et al.			
MESSAGE TO: US Patent and Trademark Office			
FAX NUMBER: (703) 872-9306			
FROM: HUMAN GENOME SCIENCES, INC. Doyle A. Siever			
PHONE: (301) 354-3932			
Attorney Dkt. #: PZ033P1C2			
PAGES (Including Cover Sheet): 5			
CONTENTS:	Reply and Amendments (4 pages) Supplemental Application Data Sheet (6 pages) Fee Transmittal, including charge \$130.00 to deposit account 08-3425 (1 page) Certificate of Transmittal (1 page)		
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T-572 P.02

F-570

Docket No.: PZ033P1C2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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**JUL 06 2005**

In re Patent Application of:  
Ruben, et al.

Confirmation No.: 5160

Application No.: 10/607,565

Group Art Unit: 1637

Filed: June 27, 2003

Examiner: T. E. Strzelecka

For: 31 Human Secreted Protein

**REPLY AND AMENDMENTS UNDER 37 C.F.R. § 1.111**  
**AND**  
**REQUEST TO AMEND INVENTORSHIP PURSUANT TO 37 C.F.R. § 1.48(b)**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir or Madam:

In response to the Restriction Requirement mailed June 6, 2005 (Paper No. 26052005), please enter the following amendments and consider the following remarks. Applicants also submit herewith a Fee Transmittal Sheet, with appropriate fee.

Amendments to the Claims begin on page 2.

Remarks begin on page 5

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01 FC:1800 130.00 DA